



U.S. Army

Soldier and Biological Chemical Command

Edgewood Area - Aberdeen Proving Ground, Maryland 21010

Deployable Communications System (DCS)

The Deployable Communications System (DCS), designed for the U.S. Army is a wireless to wireline communications gateway system offering increased simplicity, mobility, operational flexibility and rapid deployment. The DCS provides an extensive over-the-horizon communications capability when an existing infrastructure is determined to be inadequate or non-existent.

The DCS is a shelterized communications system made up of Commercial Off-the-Shelf (COTS) equipment and is mounted on a High-Mobility Multipurpose Wheeled Vehicle (HMMWV). By establishing links into the PSTN, the NIPRNET, and SIPRNET, the DCS provides secure and nonsecure telephone service between deployed command elements and other Federal, state, and local agencies. In addition, it provides Local Area Network (LAN) connectivity and Video Teleconferencing (VTC) capabilities over the PSTN, or to the DISN through the DCS Edgewood Gateway Station (a commercial satellite system).

The DCS is fully interoperable with other Department of Defense (DOD) and commercial communications systems including the PSTN, satellite communication systems, the Defense Red Switch Network (DRSN), the Government Emergency Telecommunications System, and the DISN. The DCS has been air certified for transportation aboard both C-130 and C-141 Aircraft.

Additional world wide functions and features include support for: **Mobile Command Posts ♦ Crisis Management ♦ Consequence Management ♦ Emergency Response ♦ Disaster Preparedness ♦ Peace Missions ♦ Humanitarian Assistance ♦ Tactical Communications ♦ Border Monitoring and Patrol**



Architecture & Design Features:

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| <ul style="list-style-type: none">▪ JTA compliant▪ DISN compliant▪ C4ISR compliant▪ Open Architecture▪ ISDN Capable for Joint/Combined, NATO, and EU OPS▪ Cost effective and expandable▪ Digital PBX<ul style="list-style-type: none">- Telephone wireline interface- Secure telephone wireline interface | <ul style="list-style-type: none">▪ Digital Cellular "Autonomous" Telephone service with PSTN interface▪ Gateway to Tactical Systems▪ Video Teleconferencing▪ Local Area Network (LAN) extension interface▪ SIPRNet & NIPRNet▪ Bandwidth Management with Frame Relay Backbone▪ Remote Base Transceiver Stations (BTS)<ul style="list-style-type: none">- Providing range extension |
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For additional information contact SBCCOM Public Affairs Office at (410) 436-4345